

Amendments to the Claims

1. (*Currently Amended*) An electronic device ~~(100)~~, comprising:
 - a first wireless transceiver module ~~(120)~~ using a first communication protocol;
 - a second wireless transceiver module ~~(140)~~ using a second communication protocol, the second wireless transceiver module ~~(140)~~ comprising a controller for avoiding an interference with an external signal on a frequency of the second communication protocol; and
 - a mediator ~~(160)~~ coupled between the first wireless transceiver module ~~(120)~~ and the second wireless transceiver module ~~(140)~~, the mediator ~~(160)~~ being arranged to provide the controller with a blocking signal in response to an enabled communication involving the first wireless transceiver module ~~(120)~~.
2. (*Currently Amended*) An electronic device ~~(100)~~ as claimed in claim 1, wherein the controller implements at least a part of a carrier sense multiple access - collision avoidance principle.
3. (*Currently Amended*) An electronic device as claimed in claim 1, wherein the first wireless transceiver module ~~(120)~~ and the second wireless transceiver module ~~(140)~~ share at least a part of a physical layer ~~(110)~~.
4. (*Currently Amended*) An electronic device ~~(100)~~ as claimed in claim 1, wherein the mediator is arranged to provide the blocking signal during a time interval matching the duration of the enabled communication.
5. (*Currently Amended*) An electronic device ~~(100)~~ ~~as claimed in claim 1 or 4,~~ as claimed in claim 1, wherein the first wireless transceiver module ~~(120)~~ comprises a further controller for avoiding an interference with a further external signal on a frequency of the first communication protocol;

the mediator ~~(160)~~ being further arranged to provide the further controller with a further blocking signal in response to a further enabled communication involving the second wireless transceiver module ~~(140)~~.

6. (*Original*) A method for controlling communications involving a communication system, the communication system comprising:

a first wireless transceiver module using a first communication protocol;

a second wireless transceiver module using a second communication protocol, the second wireless transceiver module comprising a controller for avoiding an interference with an external signal on a frequency of the second communication protocol;

the method comprising the steps of:

detecting an enabled communication involving the first wireless transceiver module; and

providing the controller with a blocking signal in response to the enabled communication.

7. (*Currently Amended*) A communication system ~~(300)~~, comprising:

a wired network ~~(360)~~;

a first wireless transceiver module ~~(320)~~ coupled to the wired network ~~(360)~~ using a first communication protocol for communicating with a first external device ~~(322)~~;

a second wireless transceiver module ~~(340)~~ coupled to the wired network ~~(360)~~ using a second communication protocol for communicating with a second external device ~~(342)~~, the second wireless transceiver module ~~(360)~~ comprising a controller for avoiding an interference with an external signal on a frequency of the second communication protocol; and

a mediator ~~(380)~~ coupled to the first wireless transceiver module ~~(320)~~ and the second wireless transceiver module ~~(340)~~ for providing the controller with a blocking signal in response to an enabled communication involving the first wireless transceiver module ~~(320)~~.

8. (*Currently Amended*) A communication system ~~(300)~~ as claimed in claim 7, wherein the mediator ~~(380)~~ is coupled to the controller via the wired network ~~(360)~~.

9. (*Currently Amended*) A communication system ~~(300) as claimed in claim 7 or 8,~~
as claimed in claim 7, wherein the first wireless transceiver module ~~(320)~~
comprises a further controller for avoiding an interference with a further external
signal on a frequency of the first communication protocol; and

the mediator ~~(380)~~ is arranged to provide the further controller with a
further blocking signal responsive to a further enabled communication involving
the second wireless transceiver module.

10. (*Currently Amended*) A communication system as claimed in claim 7,
wherein the first transceiver module ~~(320)~~ and the second transceiver module
~~(340)~~ share at least a part of a physical layer.